LANTNAVFACENGCOM

DeSign v2.2   **Release Notes**

Enhancements

The following amendments have been made since the release of v1.3:

Sheet Size and Signature Positions

1. The coordinates of the signature location and the code have been modified to allow for signatures to be accurately placed on drawings of different sizes compared to the LANTNAVFACENGCOM Standard. In order for this function to work, the LANT title block must be utilized and appear in the bottom right corner of the drawing. Additionally the right and bottom margins of the PDF drawing must exactly equal the margins used in the LANT Standard. Other title blocks are permissible as long as the position of the signatures relative to the lower right corner <u>of the PDF</u> is maintained.

2. The signature locations have been modified slightly to standardize business practices and allow for more groups to use DeSign. The updated drawform in the LANTNAVFACENGCOM standard size is provided with the DeSign files. Contact the contracting authority to obtain drawforms in this format for other organizations.

3. The default drawing height and width are now stored as settings in the configuration. These are the values used for the automatic size screening completed by DeSign every time a file is opened and for the new Quality Control Report. This change was made for users who may utilize a drawing size different from the LANTNAVFACENGCOM Standard. These settings are accessed under the Signature Tools…Options menu item. A "reset defaults button" is now available to rest to the NAVFAC D 33"x22" default sheet size.

4. The configuration settings were also modified to include adjustments to the location of the PE Seal and Date signatures. This was added to allow users with varying state seals to adjust the vertical location of the signatures associated with the PE seals so that they are readily visible. These settings are accessed under the Signature Tools…Options menu item. Note: Care should be taken in entering these values. Incorrectly entered values such as "O.-5" instead of "-O.5" will cause run-time errors and stop execution of the program. (Trial and error may be required to obtain the best position.)

5. New signature blocks entitled "Submitted By" and "Submitted By Date" have been added to accommodate organizations which use this approval block. Reference the guidance from the contracting activity with regards to the appropriate use of this approval block.

Quality Control

1. A new "Quality Control" Report has been added under the Signature Tools Menu. This option creates a report in text file format which is displayed on the screen as well. The report provides information concerning the file, summary information on the progress of signatories, sheet size compliance, unsigned positions, etc. This can be used to verify that the proper personnel have signed as required. The quality control report will not report accurately for certain positions that were signed with earlier versions of DeSign. These positions include "For EFD Commander NAVFAC Date", "EFD Design Division Director", and "EFD Branch Manager".

2. DeSign now checks the files to be signed to determine if the "read only" or "archive" flags are set for the file. If they are, they are removed. This previously occurred if a file was copied from a CD or if a user set this property to avoid inadvertent changes to a PDF file. These flags blocked the ability for the files to be saved after signature. Since the read only flag can be beneficial, it will be set when file is closed in DeSign to protect the file from inadvertent changes. This can be changed by selecting the file properties in Windows if necessary.

3. A new "Signature Attribute" Report has been added under the Signature Tools Menu. This option creates a report in text file format which is displayed on screen as well. The report lists the versions of software used for each signature (annotation) contained in the PDF file. It is useful in verifying that the proper versions of the software have been used by all signatories.

4. DeSign now checks the versions of software used for previous signatures when a file is opened. The user is warned if an outdated version of the CIC Sign-IT EX or PenOp software was used. This was added to facilitate and monitor the upgrade of software by current users. This feature should be used in conjunction with the new "Signature Attribute" Report.

5. The file is now saved with a "full" save in lieu of the incremental save used in previous versions. This will lead to a longer save time, but also lead to smaller PDF files. The file should still be saved "optimized" prior to placing the first signature on the document. After the signing process begins, the file should no longer be optimized using Adobe Acrobat.

6. An "Update Signatures" option has been added under the Signature Tools Menu. This menu option will migrate signatures created with older versions of PenOp/CIC Sign-IT EX to the most recent format. This will be required for old signatures to be displayed in Adobe Acrobat 5.0 due to changes made in the software by Adobe. All signatures created with CIC Sign-IT EX v.1.2 and later will not require any migration. As the migration will update the checksum and image data it may take a significant amount of time to run. Please keep this in mind before selecting to utilize this function. Also consideration should be given to maintaining a copy of the original, un-modified file for archive purposes before migrating the signatures.

7. DeSign now sets the PDF file to open in Bookmark and Page view automatically in case that option was not set by the author. This selection is required by the PDF preparation instructions.

Programming Performance

1. The signature location coordinates for the SAT-TO signature were in error and have been corrected.

2. All user information and configuration settings previously stored in an "ini" file are now stored in the Windows registry in accordance with Microsoft guidelines.

3. All temporary files used by DeSign are now stored in the Windows specified temporary directory. This directory will vary based on the version of Windows used and the particular settings of a computer. These files were previously stored in the application directory which could cause problems for certain installations.

4. The font size of the dialog boxes and the size of the toolbar icons have been increased to allow for easier viewing and selection.

5. Error handling of several subroutines has been enhanced.

6. The code has been changed to allow more efficient operation and shorter run times.

<u>Known Issues</u>

1. This release of DeSign v2.2 is specifically coordinated with the release of CIC Sign-IT EX v1.2. All functions available in DeSign will not work with prior versions of PenOp or CIC Sign-IT Ex.

2. Some of the signing position names were required to be modified in the program. These names are also used in naming the signature annotations on the PDF document. For this reason, the newly added QC Report will not be fully effective or accurate for PDF files that were signed using previous versions of DeSign. These positions include "For EFD Commander NAVFAC Date", "EFD Design Division Director", and "EFD Branch Manager". Therefore you should only trust the results of the QC Report function for PDF documents signed with DeSign 2.2 and later.

3. The help file and detailed instructions have not been modified at this time. The existing help file with these Release Notes as an amendment are the available sources of reference at this time.